

FORM PTO-1390 (REV. 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 063254-0203-US
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)</b>		U.S. APPLICATION NO. (if known, see 37CFR 1.5) <b>10/568077</b>	
INTERNATIONAL APPLICATION NO. PCT/US2004/025913	INTERNATIONAL FILING DATE 12 August 2004	PRIORITY DATE CLAIMED 14 August 2003	
TITLE OF INVENTION <b>PERIODIC ACID COMPOSITIONS FOR POLISHING RUTHENIUM/LOW K SUBSTRATES (AS AMENDED)</b>			
APPLICANT(S) FOR DO/EO/US Robert J. Small, Haruki Nojo, Steve Masami Aragaki, and Atsushi Hayashida			
Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the international Bureau).</p> <p style="margin-left: 20px;">b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11. to 20. below concern document(s) or information included:			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>			

US APPLICATION NO (If known, see 37 CFR 1.5.) <b>10/568077</b>	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
21. The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>		
<b>BASIC NATIONAL FEE (37 CFR 1.492 (A) (1) - (5)):</b>		<b>\$300.00</b>		
<input checked="" type="checkbox"/> <b>Examination Fee</b>				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....		\$100.00		
All other situations.....		\$200.00		
<input checked="" type="checkbox"/> <b>Search Fee:</b>				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....		\$100.00		
International Search Report prepared and provided to the Office.....		\$400.00		
All other situations.....		\$500.00		
<b>TOTAL of 21, 22 and 23:</b>		<b>900</b>		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round UP to a whole number)	RATE	
-100 =	/50 =			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h))		\$		
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>
Total Claims	20 -20	0	x \$50	
Independent Claims	4 - 3 =	1	x \$200	200
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (if applicable)		x 360		
<b>TOTAL OF ABOVE CALCULATIONS</b>		<b>\$1100</b>		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees reduced by 1/2.		- \$		
<b>SUBTOTAL =</b>		<b>\$1100</b>		
Processing fee of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				
<b>TOTAL NATIONAL FEE</b>		<b>=\$1100</b>		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).		x \$40.00 per property	\$	
<b>TOTAL FEES ENCLOSED</b>		=	\$	
		<b>Amount to be refunded:</b>		
		<b>charged:</b>		
<input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0310 to cover the above fees. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0310.				
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.				
22. <input type="checkbox"/> Other instructions				
23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to <b>MORGAN, LEWIS &amp; BOCKIUS LLP</b> <b>009629</b>				
24. <input checked="" type="checkbox"/> All telephone inquiries should be made to 202.739.3000.				